

Product datasheet for **SC307306**

KRT26 (NM_181539) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KRT26 (NM_181539) Human Untagged Clone
Tag:	Tag Free
Symbol:	KRT26
Synonyms:	CK26; K25B; K25IRS2; K26; KRT25B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC307306 representing NM_181539.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGTCTTTTCGACTTTCTGGTGGATCCAGGAGGATCTGCTCGCGAACTGGGTCTGGTAGGCTGTCCGGT
GGAGGAACAGGCTTCGTGGCTGGGAATGTGTGTTGGATCGGGAGCAAGAAGCAGCTTTTCTTGTACT
CTTGAGGGCATCTCTTCTGGAGGAAGCTTCTGCAATAGCGGTGGAGGGTTGGGAAGTGGTGCCTGTGCT
GGTTTTCTTGGCAATGAGCACAGCCTCCTCTCTGGGAATGAAAAGGTGACCATGCAGAATCTCAACGAC
CGCCTGGCATCTACCTGGACCATGTGCATGCTCTAGAGGAGGCCAACGCAGACCTGGAGCAGAAGATC
AAGGGCTGGTACGAGAAATGTGAGCCTGGCTCTTCCCGGGAACACGATCATGACTATAGCAGATACTTC
TCAGTCATAGAAGATCTTAAAAGGCAGATTATTTCTGCGACCATCTGCAATGCCAGCATTGTTCTACAA
AATGACAAATGCCAGACTGACCGCTGATGACTTCAGGCTGAAGTATGAAAATGAGCTGGCTCTGCCACC
AGTGTGAGGCCGACACCAGTGGTCTTCGCAGAGTGTGGATGAACTGACCTTTGTACAACCGACCTG
GAGATACAGTGTGAGACCCTCAGTGAGGAATTGACCTACCTCAAAAAAGTCATGAGGAGGAAATGGAA
GTCTTGCAATATACAGCTGGGGGGAACGTGAACGTGGAGATGAATGCAACCCAGGAGTGGACCTAACT
GTCCTGTTGAACAACATGAGGGCTGAGTATGAGGACTTGGCTGAGCAGAACCCGAAAGATGCTGAAGCC
TGGTTCAACGAGAGGAGTGCAACGCTGCAACAACAGATTTCCGATCATGAGGGAGCAGCCACAGCAGCC
AGAAATGAGCTGACCGAATTAACGCAATCTGCAAAACCTGGAAATAGAATTCAGTCCCTCATGGCT
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CAGGATCAGATAGGGGTGATGGAGGAACAACTGCAACAGATTCGAACAGAAACAGAAAGGCCAGAAGCTG
GAGTATGAACAGCTTCTTGATGTAAAAATATTTTAGAAAAAGAAATGACATTTATTGCAACTTACTA
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AATCAAGCCAAAGACTCAACAGAAAGAACTATTGTTAAAACAGTGGTTGAGGAACTGGATCAAATTGGC
AATCTCCTTTCACTGAGAGTCCACTCAGTTGAAGAAAAGTCTCTAAAATAGCAACATTACAGTAGAG
CAACGAGTACCTTCTAAAGCACCATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map: □

ACCN: NM_181539

Insert Size: 1407 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_181539.4](#)

RefSeq Size: 1748 bp

RefSeq ORF: 1407 bp

Locus ID: 353288

UniProt ID: [Q7Z3Y9](#)

Cytogenetics: 17q21.2

MW: 51.9 kDa

Gene Summary: The protein encoded by this gene is a member of the keratin superfamily. This keratin protein is a type I keratin that is specific for the inner root sheath of the hair follicle. This gene exists in a cluster with other keratin genes on chromosome 17q21. [provided by RefSeq, Jul 2009]